Index of Claims

| Appl | ication | /Contro | I No. |
|------|---------|---------|-------|

10/732,986 Examiner

Rabon Sergent

Applicant(s)/Patent under Reexamination

SMITH ET AL. Art Unit

1711

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
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| - | Interference |

| Α | Appeal   |
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| Claim Date      |          |            |   | Claim Date                                       |          |  |               |       |          |          | Cla           | aim    | Date            |                 |               |                  |          |      |                 |            |                 |          |          |          |          |                |                   |          |          |
|-----------------|----------|------------|---|--|----------|--|---------------|-------|----------|----------|---------------|--------|-----------------|-----------------|---------------|------------------|----------|------|-----------------|------------|-----------------|----------|----------|----------|----------|----------------|-------------------|----------|----------|
|                 |          | IT         |   | П  |          | $\top$   |               | 7     |          |          | •             | Т      |                 |                 |               |                  | 7111     |      |                 |            |                 |          | T        |          |          |                | $\Box$            | П        | П        |
| a               | Original | 9/22/05    |   |  |          | 1 1  |               |       | ন্ত      | Original |               |        | 1               |                 |               | 1 1              |          |      | ल               | Original   |                 |          |          |          | -        |                |                   |          | - 1      |
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|                 | 1        | 1          |   | Ħ  | T        | $\top$   |               | 7     |          | 51       |               | 1      | П               | $\dashv$        | $\top$        | 11               | 7        | r    | $\neg$          | 101        |                 |          | $\neg$   | 寸        | 寸        | T              | $\neg$            | $\neg$   | $\neg$   |
|                 | 2        | 1          |   |  |          | 11   |               | 7     |          | 52       |               | 1      | П               | 一               | $\top$        | 11               |          | ŀ    |                 | 102        |                 | $\neg$   | 寸        | 寸        | 寸        | $\neg$         | $\neg$            | $\neg$   | ᅥ        |
|                 | 3        | 1          |   | Ħ  | _        | 17   | $\neg \vdash$ | ٦     |          | 53       |               | 1      | П               | $\neg \uparrow$ |               |                  |          | ľ    |                 | 103        |                 | $\neg$   | T        |          |          |                | 寸                 | コ        | ᆿ        |
|                 | 4        | V          | $\neg$                                  |  |          | $\top$   |               | 7     |          | 54       |               | 1      | П               | $\neg$          | $\neg \vdash$ |                  |          | ľ    |                 | 104        |                 |          | 丁        | ヿ        | ヿ        |                | 寸                 | コ        | $\neg$   |
|                 | 5        | 1          |   | П  |          |  |               |       |          | 55       |               | 7      |                 | 一               | 1             | 11               |          |      |                 | 105        |                 | 寸        | $\neg$   |          | T        | T              | 寸                 | $\neg$   | $\neg$   |
|                 | 6        | 1          |   |  |          |  |               | 7     |          | 56       |               | 1      | П               | $\neg$          | $\top$        | $\top$           | 78       | ľ    |                 | 106        |                 |          |          |          | コ        |                | 丁                 | $\neg$   | $\neg$   |
|                 | 7        | 1          |   | П  |          | $\Box$   |               | ]!!!! |          | 57       |               | T      |                 | $\neg$          | $\neg \neg$   |                  | 7#       | ıſ   |                 | 107        |                 |          | $\neg$   | T        | $\neg$   |                | T                 | コ        | П        |
|                 | 8        | 1          |   |  |          |  |               | ]     |          | 58       |               |        |                 |                 |               |                  |          |      |                 | 108        |                 |          |          |          |          |                | $\Box$            | $\Box$   |          |
|                 | 9        | V          |   |  |          |  |               | ]     |          | 59       |               |        |                 |                 |               |                  |          |      |                 | 109        |                 |          |          |          |          |                |                   | $\Box$   | $\Box$   |
|                 | 10       | 1          |   |  |          | $\perp$  |               | ]     |          | 60       |               |        | Ш               |                 |               |                  | _        | L    |                 | 110        |                 |          |          |          |          |                |                   |          |          |
|                 | 11       | 1          |   |  |          | $\perp$  |               | _     |          | 61       |               |        | $\Box$          | $\Box$          |               | $oxed{\Box}$     |          |      |                 | 111        |                 |          |          |          |          |                |                   |          |          |
|                 | 12       | 1          |   |  | $\perp$  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |               | _     |          | 62       |               |        | Ш               |                 |               |                  | _        | Ľ    |                 | 112        |                 |          |          |          | $\Box$   |                |                   | $\Box$   | _]       |
| $\sqcup$        | 13       | 1          | _                                       |  | $\perp$  | $\perp \perp$  |               |       |          | 63       |               |        | Ш               |                 |               |                  | _        |      |                 | 113        |                 |          | $\Box$   |          |          |                | $oldsymbol{\bot}$ | $\Box$   |          |
| $oxed{oxed}$    | 14       | 1          |   | $\sqcup$   | $\perp$  | $\perp \downarrow$   |               | 4     | L        | 64       |               |        | Ш               | $\perp$         | $\perp$       | $\perp \int$     | _        | L    | ]               | 114        |                 |          | [        | [        | [        | [              | _                 | $\Box$   | _]       |
| $\vdash \vdash$ | 15       | V          |   | $\sqcup$   | $\perp$  | $\bot \bot$  | $\perp$       | 4     |          | 65       | $\perp \perp$ | _      | Щ               | _               | $\perp$       | 1_1              | _        | :: L |                 | 115        | Ш               |          | _[       | $\perp$  | _[       | [              | _                 | ┙        | ╝        |
| Щ               | 16       | 1          |   | $\sqcup$   | -        | +  | _             | 4     | L        | 66       | $\perp \perp$ | +-     | Ш               | $\perp$         | $\perp$       | $\perp \perp$    | _        | ::L  |                 | 116        | Ш               | $\perp$  | _        | _        | _        | _              | 4                 |          | _        |
|                 | 17       | 1          |   | $\sqcup$   | $\perp$  | 1-1  | $\perp$       | 4     |          | 67       | $\perp$       | _      | Ш               |                 | 4             | $\bot \bot$      | _ !!!    | L    |                 | 117        | Щ               | $\perp$  | _        | _        | $\perp$  |                | <b>⅃</b>          | _        | _        |
|                 | 18       | V          | _ _                                     | Ш.   |          | 11   |               | _     | <u> </u> | 68       |               | _      | Ш               | 4               | _             | +                | _        | ii   |                 | 118        |                 |          | _        | _        |          | _              | 4                 | _        | _        |
| <u> </u>        | 19       | $\sqcup$   |   | $\sqcup$   |          | $\perp \downarrow$   |               | 4     | L        | 69       |               | 1_     | Ш               |                 | 4             | $\bot$           | _ :::    | L    |                 | 119        | Ц               | $\perp$  | _        |          | _        |                |                   | _        | _        |
|                 | 20       | $\Box$     |   |  |          | $\sqcup$   |               | 4     |          | 70       | $\dashv$      | +-     | Ш               | _               | Щ.            | $\bot$           | _        | Ŀ    |                 | 120        | Ш               | $\perp$  | _        | _        |          |                | 4                 | _        | _        |
| <u> </u>        | 21       | $\vdash$   | _                                       | $\sqcup$   |          | 4-4  |               | 4     | Ĺ        | 71       |               | ↓_     | Ш               | 4               | 4             | 1-1              | _        | L    |                 | 121        |                 | 4        | 4        | _        | _        | _              | _                 | $\dashv$ | Щ        |
|                 | 22       | $\vdash$   | _                                       |  |          | $\perp$  | _ _           | 4     |          | 72       |               | 4_     |                 | 4               | $\bot$        | $\bot$           | _ :::    |      |                 | 122        |                 | 4        | _        | _        | _        |                | 4                 | _        | _        |
|                 | 23       | $\vdash$   | _                                       | $\vdash$   | _        | 1-1  |               | 4     |          | 73       | _             | 4      | Ш               | _               | $\perp$       | $\perp$          | 4!!!     | Ļ    |                 | 123        | $\Box$          | $\dashv$ | 4        | _        |          | _              | 4                 | _        |          |
|                 | 24       | $\vdash$   | -                                       | $\vdash$   |          | +  |               | 4     |          | 74       |               | -      |                 | 4               |               | +                | -1::     | L    | _               | 124        |                 | -        | -        | -        | _        | _              | 4                 | $\dashv$ | _        |
| <u> </u>        | 25       | ₩.         |   | $\vdash$   | -        | +  | _             | -     | ļ        | 75       |               | +-     | $\vdash$        | -               |               | ++               |          | L    |                 | 125        | -               | $\dashv$ | 4        |          |          |                | 4                 | 4        | _        |
|                 | 26       | $\vdash$   |   | $\vdash$   | -        | +  | -             | -     |          | 76       | -             | +      | $\vdash$        | -+              | +             | +                |          | ŀ    | -               | 126        |                 | $\dashv$ | -        | -        | 4        | $\dashv$       | $\dashv$          | $\dashv$ | -        |
| $\vdash$        | 27<br>28 | $\vdash$   |   | $\vdash$   | +        | +  |               | -     |          | 77       | -             | +      | $\vdash\vdash$  |                 | +             | ++               |          | ŀ    | $\dashv$        | 127        |                 | -        | -        | -        | -        | -              | +                 | $\dashv$ | $\dashv$ |
| -               | 29       | $\vdash$   |   | $\vdash$   |          | +  |               | -     |          | 78<br>79 | -             | +-     | H               | -               |               | +                |          | ŀ    |                 | 128<br>129 | -               | -        | -        | $\dashv$ | $\dashv$ |                | $\dashv$          | $\dashv$ | $\dashv$ |
| $\vdash$        | 30       | $\vdash$   |   | $\vdash$   |          | +  | -             | -     |          | 80       | -             |        |                 | $\dashv$        | ╌             | ┼┼               |          | ⊦    |                 | 130        |                 | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$          | $\dashv$ |          |
|                 | 31       | -          | $\dashv$                                | ╌  | -        | +  |               | -     |          | 81       |               | ╁      | $\vdash$        | -+              | +-            | ++               |          | ⊦    | -               | 131        | $\dashv$        | -        | -+       |          | $\dashv$ |                | +                 | $\dashv$ | ᅴ        |
| $\vdash$        | 32       | $\dashv$   | +-                                      | ╀  | +        | +  |               | -     |          | 82       | -             | +      | $\vdash$        | -+              | +             | ++               |          | ⊪    |                 | 132        | $\dashv$        | +        | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$          | $\dashv$ | $\dashv$ |
| $\vdash \vdash$ | 33       | +          | +                                       | <del>                                     </del> | $\dashv$ | +  | $\dashv$      | -     |          | 83       |               | +      | $\vdash$        | $\dashv$        | +             | ++               | $\dashv$ | ╟    |                 | 133        |                 | $\dashv$ | $\dashv$ | ┥        | $\dashv$ | $\dashv$       | $\dashv$          | $\dashv$ | $\dashv$ |
| $\vdash$        | 34       | $\vdash$   | -                                       |  | +        | + +  | $\dashv$      | 1     |          | 84       | +             | +      | $\vdash \dashv$ | $\dashv$        | +             | +                | $\dashv$ | ╬    |                 | 134        | $\dashv$        | $\dashv$ | +        | ⇥        | $\dashv$ | $\dashv$       | +                 | $\dashv$ | ᅱ        |
|                 | 35       | +          | $\top$                                  | -  | $\dashv$ | +  |               | 1     |          | 85       | +             | +-     | $\vdash \vdash$ | ╗               | +             | <del>  - </del>  |          | +    | -               | 135        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$          | $\dashv$ | ᅱ        |
|                 | 36       | $\dashv$   | +                                       |  |          | ++   | +             | 1     |          | 86       |               | +-     | $\vdash$        | +               | +             | +-+              | $\dashv$ | ŀ    | -               | 136        | $\vdash \dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +                 | $\dashv$ | ᅱ        |
|                 | 37       | $\vdash$   | $\top$                                  |  | $\dashv$ | † †  | $\dashv$      | 1     |          | 87       |               | +      | $\vdash$        | $\dashv$        | +             | +++              | $\dashv$ | ŀ    |                 | 137        | $\vdash$        | +        | $\dashv$ | _        | $\dashv$ | +              | +                 | $\dashv$ | ᅱ        |
| $\vdash$        | 38       | $\dashv$   | $\top$                                  | <del>   </del>                                   | 1        | +  | $\dashv$      | 1     |          | 88       | $\dashv$      | +      | Н               | $\dashv$        | +             | ++               | -        | ŀ    |                 | 138        | $\dashv$        | +        | +        | -        | $\dashv$ | +              | +                 | $\dashv$ | ᅱ        |
|                 | 39       | $\top$     | $\top$                                  |  | $\top$   | 11   |               | 1     |          | 89       | $\dashv$      | +      | H               | $\dashv$        | +             | <del>     </del> |          | ŀ    | $\dashv$        | 139        | $\dashv$        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$          | $\dashv$ | ᅱ        |
|                 | 40       | $\top$     | $\exists$                               | $\vdash$   | 十        | $\top$   | +             | 1     |          | 90       | $\top$        | T      | П               | $\dashv$        | $\top$        | +-+              | -        | r    |                 | 140        | $\neg$          | $\dashv$ | $\dashv$ | 一        |          | $\dashv$       | $\dashv$          | $\dashv$ | ᅱ        |
|                 | 41       |            | 1-                                      | $\sqcap$   | ┰        | 1  | 1             | 1     |          | 91       | $\neg$        | $\top$ | $\Box$          | $\dashv$        | $\top$        | +                | $\neg$   | r    |                 | 141        | $\neg$          | $\dashv$ | _        | 7        | $\dashv$ | $\dashv$       | 十                 | $\dashv$ | ᅱ        |
|                 | 42       | $\Box$     | $\top$                                  |  | $\top$   | 1 1  | $\neg$        | 1     |          | 92       | $\neg \vdash$ | 1      | $\vdash$        | 十               | $\top$        | 11               | $\dashv$ | 1    |                 | 142        |                 | 1        | $\dashv$ | 一        | $\dashv$ | 寸              | 十                 | _        | ᅥ        |
|                 | 43       |            | 1                                       |  |          | 1 1  | $\neg$        | 1     |          | 93       | $\neg$        | $\top$ | П               | $\dashv$        |               | +                | - ::     |      | 一十              | 143        |                 | 寸        | $\dashv$ | 7        | $\dashv$ | 寸              | $\top$            | 7        | ᅦ        |
|                 | 44       |            |   |  |          | 1 1  |               | 1     |          | 94       | _             | 1.     | 7               | 7               | $\top$        | $\top$           | 7        | ŀ    | $\neg \uparrow$ | 144        |                 | $\top$   | $\dashv$ | 1        | 1        |                | $\dashv$          | $\dashv$ | ㅓ        |
|                 | 45       |            |   | $\Box$   |          | $T^{T}$  | $\neg$        | 1     |          | 95       | $\dashv$      | 1+     | П               |                 | 1             | 1-1              | 7        | -    | 一寸              | 145        |                 | 寸        | $\neg$   | 寸        | 1        | $\dashv$       | $\top$            | $\dashv$ | ㅓ        |
|                 | 46       | $\Box$ $T$ | $\Box$                                  |  |          |  |               | 1     |          | 96       | $\neg$        |        | $\sqcap$        | $\dashv$        | T             | $\top$           |          |      |                 | 146        |                 | 一        | 1        | 7        | 7        | 寸              | $\top$            | $\dashv$ | ヿ        |
|                 | 47       |            |   |  |          |  |               |       |          | 97       |               | T      | $\Box$          | $\neg$          |               | $\top$           |          | ۲    |                 | 147        |                 |          | $\dashv$ | 一        | ヿ        | $\neg$         | ヿ                 | $\dashv$ | ᅦ        |
|                 | 48       |            | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |          | $\Box$   |               | ]     |          | 98       |               | 1      |                 |                 | T             |                  | 7        |      | 一               | 148        |                 |          | $\dashv$ | $\neg$   | $\dashv$ | 7              | $\top$            | 寸        | ヿ        |
|                 | 49       |            | $\Box$                                  |  | T        |  |               |       |          | 99       |               |        |                 |                 |               |                  | 7        |      | 一               | 149        | $\Box$          | $\top$   | $\neg$   | 寸        | 寸        | $\neg \dagger$ | $\top$            | 寸        | ヿ        |
|                 | 50       |            |   |  |          |  |               | ]     |          | 100      |               |        |                 |                 | $\perp$       |                  |          |      |                 | 150        |                 | $\Box$   |          | ⇉        |          |                | $\Box$            | コ        |          |